

IN THE CLAIMS

The amendments to Claims 1 and 12 have been refused by the Examiner, and the claims are presented here in their present format, with the Amendment mailed August 18, 2003, removed because of the refusal to enter the amendment.

1. (Original) A method for repairing a portion of a structure, comprising:
orienting a multi-axis digital measuring device;
measuring at least a portion of the structure with the device;
saving data generated in measuring the structure; and
using said data to automatically manufacture a repair part.
2. (Original) The method of Claim 1, further comprising adding additional data for use in automatically manufacturing the repair part.
3. (Original) The method of Claim 1, further comprising planning a process to manufacture the repair part.
4. (Original) The method of Claim 1, further comprising installing the repair part.
5. (Original) The method of Claim 1, further comprising orienting the device with respect to the structure via an orienting feature selected from the group consisting of plumb lines, orientation holes, a feature of the structure and a feature of the portion.
6. (Original) The method of Claim 1, further comprising mounting a mounting bracket for the multi-axis device on the structure.
7. (Original) The method of Claim 1, wherein automatically manufacturing comprises a multi-step process for material removal and material shaping.

8. (Original) The method of Claim 1, further comprising transferring the repair part from a first workstation to a second workstation.

9. (Original) The method of Claim 1, further comprising translating the data from a first format to a second format.

10. (Original) The method of Claim 1, further comprising a data manipulation step selected from the group consisting of exporting data, importing data, verifying data, and transferring data.

11. (Previously amended) The method of Claim 1, further comprising mounting a laser-scanning device on the multi-axis digital measuring device, wherein the laser-scanning device is used to measure at least a portion of the structure with the multi-axis digital measuring device.

12. (Original) A method for repairing a sheetmetal portion of a structure, comprising:
orienting a multi-axis digital measuring device;
measuring at least a portion of the structure with the device;
saving data generated in measuring the structure; and
using said data to automatically manufacture a sheetmetal repair part.

13. (Original) The method of Claim 12, further comprising adding additional data for use in automatically manufacturing the sheetmetal repair part.

14. (Original) The method of Claim 12, further comprising planning a process to manufacture the repair part.

15. (Original) The method of Claim 12, further comprising installing the repair part.

16. (Original) The method of Claim 12, further comprising orienting the device with respect to the structure via an orienting feature selected from the group consisting of plumb lines, orientation holes, a feature of the structure and a feature of the portion.

17. (Original) The method of Claim 12, further comprising mounting a mounting bracket for the multi-axis device on the structure.

18. (Original) The method of Claim 12, wherein automatically manufacturing comprises a multi-step process for material removal and material shaping.

19. (Original) The method of Claim 12, further comprising transferring the sheetmetal repair part from a first workstation to a second workstation.

20. (Original) The method of Claim 12, further comprising a data manipulation step selected from the group consisting of exporting data, importing data, verifying data, and transferring data.

21. (Original) The method of Claim 12, further comprising translating the data from a first format to a second format.

22. (Previously amended) The method of Claim 22, further comprising mounting a laser-scanning device on the multi-axis digital measuring device, wherein the laser-scanning device is used to measure at least a portion of the structure with the multi-axis digital measuring device.